

THE STANDARD SCALE & SUPPLY CO.

Manufacturers of Concrete Mixers

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PITTSBURGH, PA.

STORES AND WAREHOUSES

CHICAGO, ILL., 169 North May Street
PHILADELPHIA, PA., 523 Arch Street

NEW YORK, N. Y., 145 Chambers Street
CLEVELAND, OHIO, 1547 Columbus Road
DALLAS, TEX., 3027 Elm Street

Products.

"THE STANDARD" LOW CHARGING CONCRETE MIXERS, and "THE STANDARD" SPECIAL ROAD and STREET PAVING MIXERS.

Also, Contractors' Equipment.

For Scales, see page 940.

Concrete Mixers.

The most important feature in "The Standard" concrete mixer is the patented low charging design which enables the drum to be charged from the low platform that is attached to the machine, and portable with the outfit.

In the new model, no deflector blades or plows are used around the charging opening. Lifting pockets running from end to end provide greater agitation. In fact, a single revolution of the drum causes the bunched contents to rise and fall cataractlike six or seven times.

The large opening in the drum permits the mixing operation to be easily watched; and high grade, uniform concrete is secured without depending on guesswork.

The drums have been shortened as to length and considerably increased in diameter. In these short drums of large diameter, the mixing operation is much simplified and for that reason quicker in action. There is only one mixing zone. The materials are from the start bunched together so that no special means are required to cause end-to-end movements. No separate mixing blades are required. The lifting pockets, reaching from end to end of the drum, set up a vigorous mixing action and the whole mass of the contents, not merely one single mixing zone, rises and falls from six to seven times at each turn of the drum.

The folding platform affords larger space for charging, and enables cement and water to be supplied without interfering with the wheelers. It is folded up for moving, and the complete outfit can be loaded in an ordinary box car without removing any parts.

The result is that poor mixing is impossible and that perfectly mixed concrete can be had in shorter time than ever before. In the thorough blending of materials, the improved drum design of "The Standard" guarantees a grade of concrete that is perfectly mixed and always uniform in quality.

Advantages of Low Charging Mixers.

The low, compact design of "The Standard" avoids the necessity of any kind of mechanical charging device; there is practically nothing to get out of order, and no skilled attendant is neces-

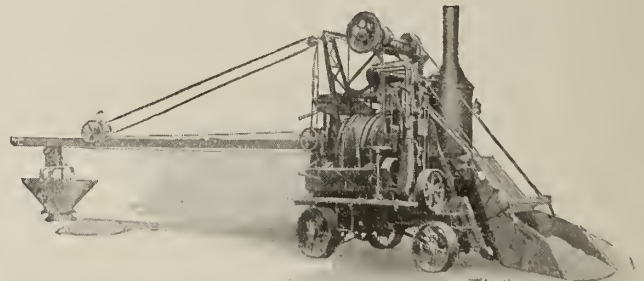
sary. It can be moved rapidly from one point to another, takes up but small space, and the folding platform is always ready for immediate use.

For some classes of concrete work, a mixer equipped with side loader is preferred. This feature is incorporated in a new mixer, complete information on which is contained in Catalogue No. 60 that will be sent on request.

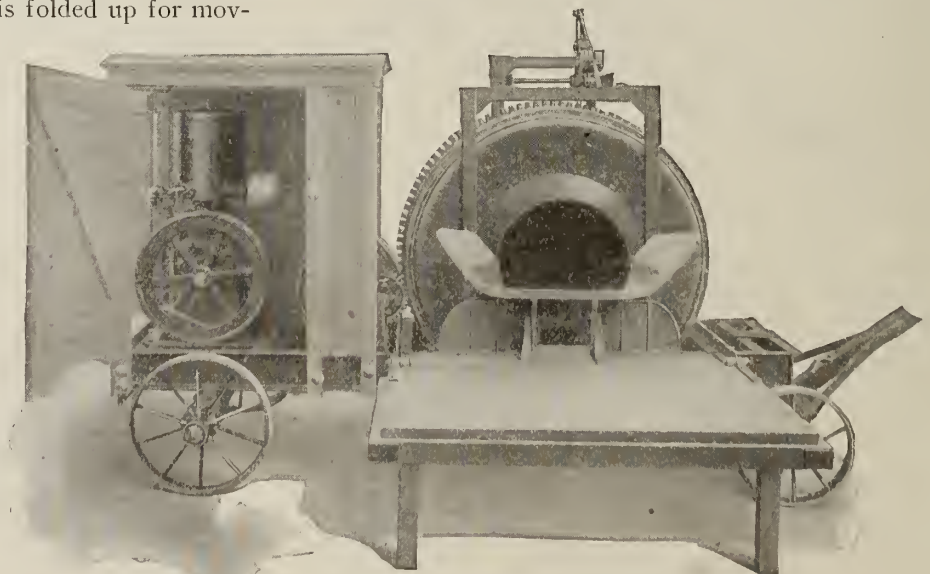
Machines for Street and Road Work.

"The Standard" street paving concrete mixer is mounted on steel truck with steam engine and boiler. Equipped with wide mouth, open end, skip charging hopper; automatic measuring water bucket, and forward and reverse traction. Carefully designed to equalize the weight on four ground wheels. Made throughout of heavy steel construction to meet severe requirements of street work. Front end of charging skip is covered to prevent material from spilling. Unique construction of the open end drum with wide drum chute permits elevating the charging skip to a steep discharge angle.

Complete information in Catalogue No. 60 which will be furnished on request.



ROAD PAVING MIXER WITH DISTRIBUTING SPOUT, STEAM POWER AND TRACTION



LOW CHARGING CONCRETE MIXER WITH FOLDING PLATFORM